

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 001 348 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
26.06.2002 Bulletin 2002/26

(51) Int Cl.7: **G06F 13/38**

(43) Date of publication A2:
17.05.2000 Bulletin 2000/20

(21) Application number: 99660164.7

(22) Date of filing: 20.10.1999

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:
• **Inkinen, Sami**
13100 Hämeenlinna (FI)
• **Vapaakoski, Simo**
33680 Tampere (FI)

(30) Priority: 29.10.1998 FI 982353

(74) Representative: **Levlin, Jan Markus**
Berggren Oy Ab,
P.O. Box 16
00101 Helsinki (FI)

(71) Applicant: **Nokia Corporation**
02150 Espoo (FI)

(54) **A method for data communication between a wireless device and an electronic device, and a data communication device**

(57) The object of the invention is a particular memory card (8) mounted in a general purpose ATA expansion memory location (9) in a separate electronic device, such as a high-class digital camera (10), whereby the memory card contains a data communication feature for transmitting the memory contents to a mobile station (5). Expansion cards containing memory which can be written and read are called Compact Flash, in accordance with the Flash EEPROM memory contained in small-

sized cards. The data communication is performed on a short-range radio frequency LPRF link. The memory card (8) is also applicable for instance in a personal digital PDA notebook, where the input data can be stored in an expansion memory. The duplex feature of the expansion memory enables the data to be transmitted at a radio frequency to a mobile station. The data communication features of the wireless device (5) are available for forwarding the data.

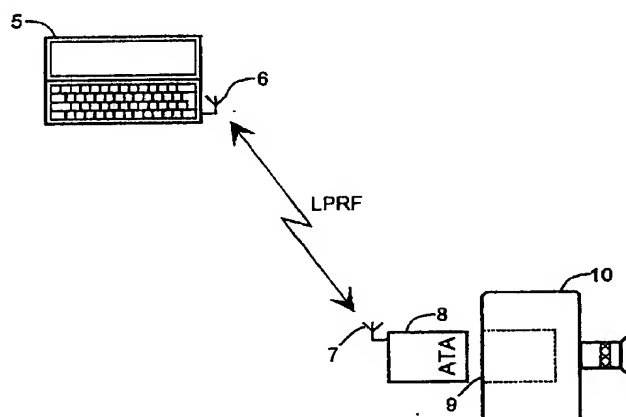


FIGURE 2

EP 1 001 348 A3